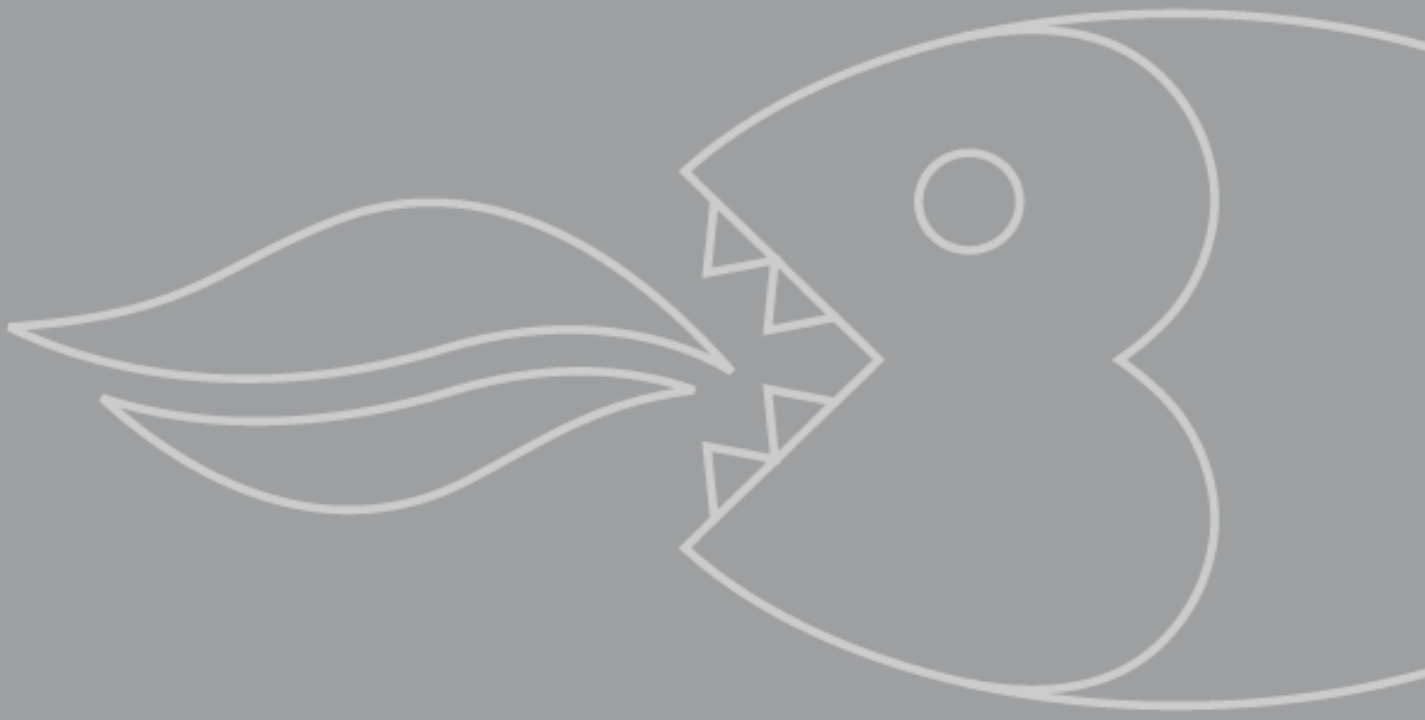
BDWI640 60 cm Fully integrated full height dishwasher

INSTRUCTION MANUAL



Baumatic®

USER MANUAL FOR YOUR BAUMATIC

BDWI640 60 cm Fully integrated full height dishwasher

Baumatic®

NOTE: ***This User Instruction Manual contains important information, including safety & installation points, which will enable you to get the most out of your appliance. Please keep it in a safe place so that it is easily available for future reference; for you or any person not familiar with the operation of the appliance.***

GS 21/12/11

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ENVIRONMENTAL NOTE

Note: ***Before discarding an old appliance, switch off and disconnect it from the power supply. Cut off and render any plug useless. Cut the cable off directly behind the appliance to prevent misuse. This should be undertaken by a competent person. Disable the door lock to make sure that children cannot get stuck inside the appliance.***

This appliance is marked according to the European directive 2002/96/EC on Waste electrical and Electronic Equipment (WEEE). By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.

The symbol **on the product, or on the documents accompanying the product, indicates that this appliance may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment.**

Disposal must be carried out in accordance with local environmental regulations for waste disposal.
For more detailed information about treatment, recovery and recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

- The packaging materials that Baumatic uses are environmentally friendly and can be recycled.

- Please discard all packaging material with due regard for the environment.

IMPORTANT SAFETY INFORMATION

Your safety is of the utmost inmportance to Baumatic. Please make sure that you read this instruction booklet ***before*** attempting to install or use the appliance. If you are unsure of any of the information contained in this booklet, please contact the Baumatic Advice Line.

General Safety

- Repairs to your appliance must only be carried out by a Baumatic engineer or one of its authorised service agents. Any attempt by an inexperienced person to repair the appliance, could result in injury or damage to your dishwasher.

- If you notice that the mains cable in damaged. ***The appliance must not be used***. The same applies if you notice that the worktop, control panel or base area is damaged. As this could allow access to the internal components of the machine.

- The appliance should be turned off and isolated from the mains supply, before either cleaning or maintenance work is attempted.

- The mains cable must not be used to pull the plug out of the electrical socket.

- The machine should not be sprayed with water.

- The external surface of the appliance may become hot whilst your dishwasher is in use.

- It is possible for small animals to chew either mains cables or water hoses, which could cause an electric shock hazard.

Installation

- The installation instructions contained within this user manual should be followed.

- It is obligatory for the completed installation to comply with all relevant building regulations and local water authority requirements.

- ***Before the first use of the appliance, you should follow the steps listed in the "Before first use" section on page 11 and page 43 of this manual.***

- Care should be taken not to trap the power supply cable underneath the appliance whilst installing it.

- No attempt should be made to alter or modify the specifications of this appliance.

In daily use

- This appliance is only designed to wash normal domestic washloads. If you use your dishwasher in any other way or it is incorrectly used, then Baumatic accepts no liability for any damage that might be caused and any guarantee will be void.

- It is recommended that the appliance is unplugged and the water supply is turned off after the machine is used.

- The detergents, rinse aid and salt that you place in this appliance should be suitable for automatic dishwashers. With regards to dosage levels, the detergent manufacturer's recommendations should be followed.

- Sharp knives or ones with long blades are a potential safety hazard when placed in an upright position in the cutlery basket. We would recommend that these items are placed horizontally in the upper basket.

- ***You should not*** wash any items that have come into contact with corrosive, acidic or alkaline chemicals, paint, petrol, iron or steel debris.

- ***You should not*** open the door whilst the appliance is set on a wash program. Depending on which stage that the wash program is at, hot water could escape the machine.

- ***You should not*** leave the door of the appliance open, unless you are loading or unloading the dishwasher.

- ***You should not*** stand or sit on the door when it is open.

Child Safety

- Your dishwasher should only be used by adults. You should not allow children in the area of the machine unsupervised. You should not let them touch the controls or play with the appliance.

- It could be possible for a child or pet to gain access to the dishwasher if the door is left open. Therefore please check the inside of the appliance before setting it on a wash cycle.

- Any packaging that is removed from the machine should be kept away from children.

- All detergents should be kept out of children's reach in a safe place.

- Some water will remain inside the dishwasher when it has completed a wash cycle. This water is not suitable for drinking and may contain residues from the detergents that are used in the appliance.

Declaration of conformity

This appliance complies with the following European Directives:

- 73/23 dated 19/02/1973 Low Voltage Directive and subsequent modifications.
- 89/336 dated 03/05/1989 Electromagnetic Compatibility Directive and subsequent modifications.

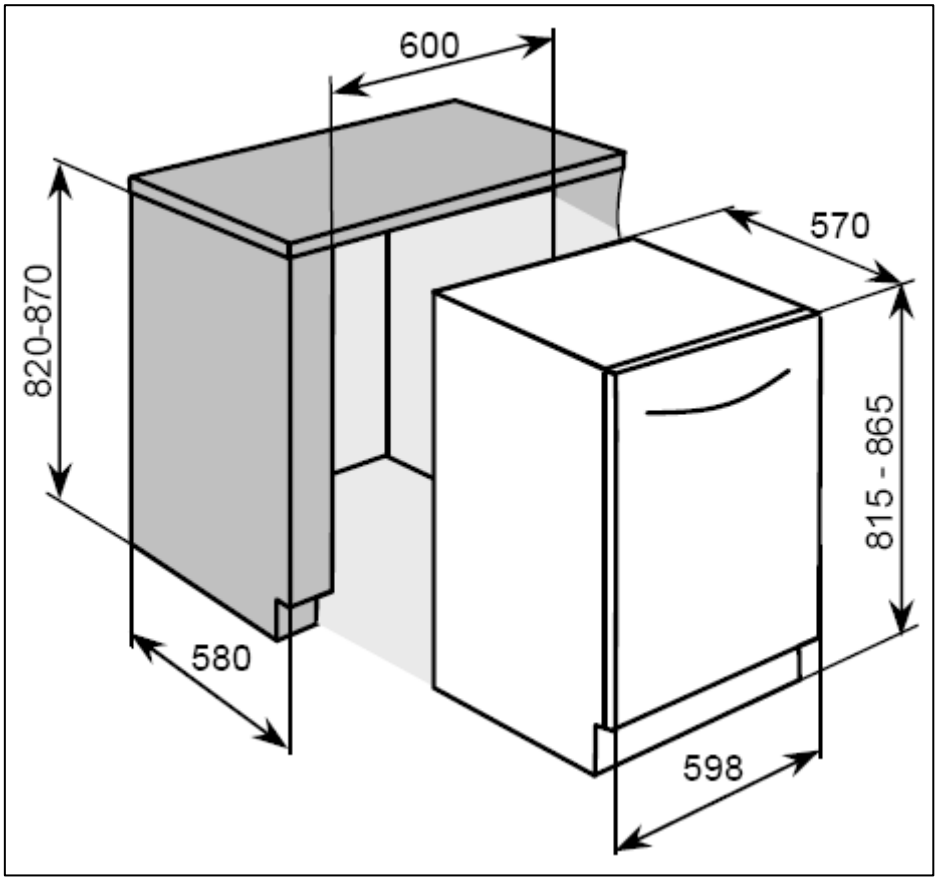
For future reference please record the following information which can be found on the rating plate and the date of purchase which can be found on your sales invoice. The rating plate of your dishwasher is located on the right hand side of the drop down door.

Model Number …….

Serial Number …….

Date of Purchase …….

Specifications



Product dimensions

Height: 815 – 865 mm
Width: 598 mm
Depth: 570 mm

Aperture dimensions

Height: 820 – 870 mm (MIN)
Width: 600 mm
Depth: 580 mm (MIN)

Product specifications

- **14 Place settings**
- **6 programs:** Normal
  Intensive
  Economy
  Rapid
  Glass
  1 hour

- **4 temperatures:** 40°C, 50°C, 60°C, 65°C
- Water consumption (Economy program): 12.5l/cycle
- Noise level: 49 dB
- Electronic aqua stop
- Delay start function
- Residual drying
- Concealed heating element
- Self-cleaning stainless steel micro-filter
- Anti-leak device
- Anti-flood device
- Height adjustable upper basket
- Collapsible plate racks
- Adjustable feet

Energy efficiency details

Energy efficiency class:	A+
Washing performance class:	A
Drying performance class:	A

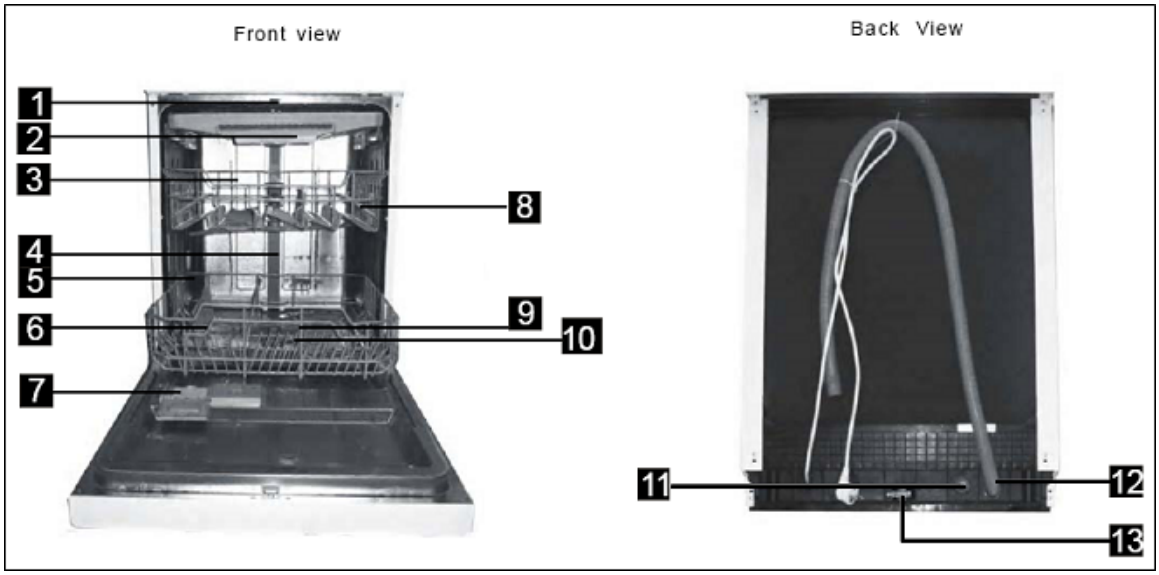
Power consumption

Off mode:	0.45 W
Left on mode:	0.55 W

Electrical details

Rated voltage:	230 Vac 50 Hz
Supply connection:	13 A (double pole switched fused outlet with 3 mm contact gap)

Description of the appliance



1) Top spray arm
2) Cutlery basket
3) Upper basket
4) Inner pipe
5) Lower basket
6) Salt container
7) Detergent dispenser
8) Cup shelf
9) Lower spray arm
10) Filter assembly
11) Inlet pipe connector
12) Drain pipe
13) Adjuster

Control panel

1) ON/OFF button
2) Delay start button
3) Power on indicator
4) Delay start indicators
5) Salt and rinse aid indicators
6) Program indicators
7) Program button

Using your dishwasher

Before first use

- Install the appliance as per the installation instructions contained within this booklet.

- Fill the water softener with 1 litre of tap water and then fill with specialist dishwasher salt. After this you should set the water softener level.

- Fill the rinse aid dispenser and then set the rinse aid dosage.

Filling with dishwasher salt

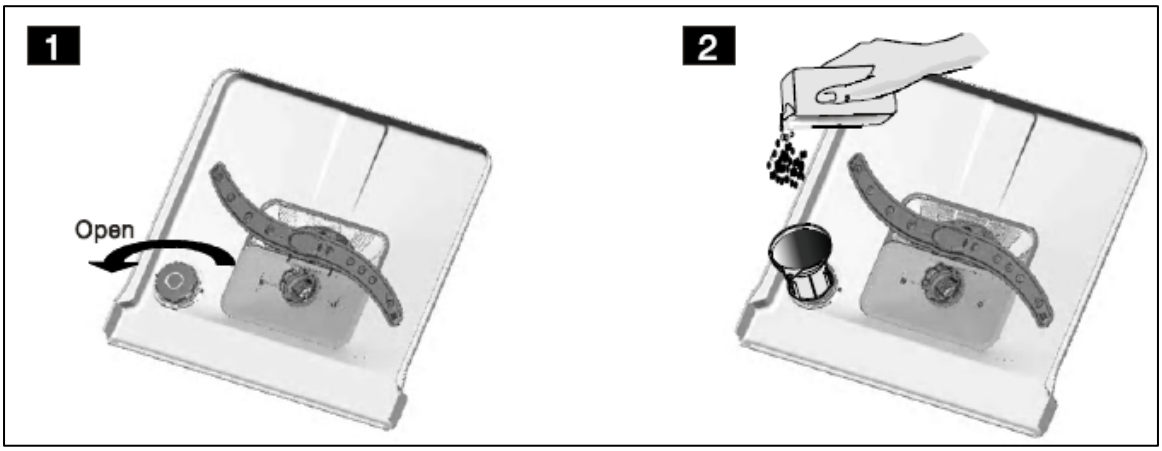
IMPORTANT: You should only use salt that is specially designed for use in a dishwasher. If any other type of salt is used in the appliance (in particular table salt), it will damage the water softener.

- Ideally you should fill the water softener with salt, just before you are about to run a wash program. This will help to clear any salt that may have overflowed from the water softener during the salt filling process.

- Open the door of the dishwasher and then remove the lower basket. The basket should be empty when you remove it.

- Turn the water softener cap anticlockwise and remove it.

- Pour 1 litre of water into the water softener.



IMPORTANT: It is only necessary to do this when you fill the container with salt for the first time.

- Pour salt into the water softener, using the funnel that is supplied with the appliance. You should add approximately 1.5 kg of salt into the water softener.

- It is perfectly normal for a small amount of water to come out of the water softener, whilst you are filling it with salt. This does not mean that the water softener is filled with the correct amount of salt.

- Refit and fully tighten the water softener cap.

- The salt required warning light will go out shortly after you have filled the water softener with salt. When the salt indicator **(5)** lights on the control panel, then you should follow the filling with dishwasher salt procedure again.

- It is recommended that you run a RAPID program, without any dishes loaded into the dishwasher, after filling with salt to remove any spilt or excess salt.

- ***IMPORTANT: You do not need to pour 1 litre of water into the container when you subsequently fill the water softener with salt.***

Setting the water softener level

It is possible to regulate the amount of salt that the water softener will release during a wash cycle. The water softener should be set to a level that is appropriate for the hardness of your water (please refer to the table below).

WATER HARDNESS				***Selector***	***Salt consumption (gram/cycle)***	***Usage (cycles/1 kg)***
° dH	**° fH**	**° Clarke**	**Mmol/L**			
0-5	0-9	0-6	0-0.94	H1 (RAPID light)	0	/
6-11	10-20	7-14	1.0-2.0	H2 (1 HOUR light)	20	60
12-17	21-30	15-21	2.1-3.0	H3 (1 HOUR and RAPID lights)	30	50
18-22	31-40	22-28	3.1-4.0	H4 (GLASS light)	40	40
23-34	41-60	29-42	4.1-6.0	H5 (GLASS and RAPID lights)	50	30
35-55	61-98	43-69	6.1-9.8	H6 (GLASS and 1 HOUR lights)	60	20

To alter the amount of salt that is released by the water softener, you should:-

- Open the door and switch on the appliance using the ON/OFF button **(1)**.

- Press and hold the program button **(7)** for about 5 seconds to enter the water softener setting mode. The salt and rinse aid indicators may light in the setting mode. You must choose a setting within 60 seconds of turning the appliance on.

- Repeatedly press the program button **(7)** to select the appropriate option according to the hardness of your water. The relevant indicators will light to show your choice as shown in the table above.

- When you have made your selection, press the ON/OFF button **(1)** to exit the setting mode.

- ***IMPORTANT:*** *If you are using 3 in 1 dishwasher tablets and live in a medium or hard water area, then you should still fill the water softener with salt. The water softener level should be set accordingly.*

Filling with rinse aid

The rinse aid is released during the final rinse and it helps to prevent water from forming droplets on your dishes. These droplets will lead to spots and streaks being left on items after the wash program has completed.

- Your dishwasher is designed to utilise liquid rinse aid.

- The rinse aid dispenser is located inside the drop down door, next to the detergent dispenser.

- To access the rinse aid dispenser, you should turn the cap anticlockwise and it will pop out of the hole. Then slowly pour in liquid rinse aid, the rinse aid dispenser will hold approximately 110 ml of rinse aid.

- Be careful not to overfill the dispenser, as this could cause oversudsing when a wash program is selected. Wipe away any rinse aid excess or spillages with a damp cloth.

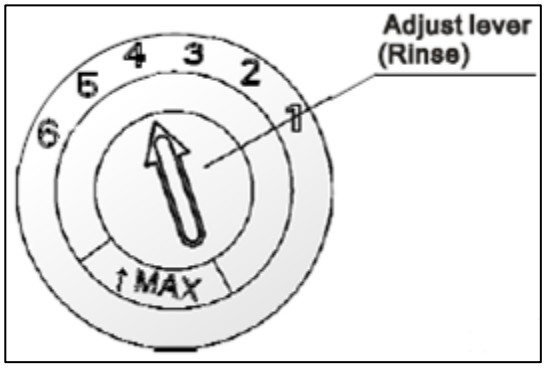
- Replace the cap and turn it clockwise until it locks into position.

- You should refill the rinse aid dispenser when the rinse aid indicator **(5)** lights on the control panel.

- ***IMPORTANT:*** *If you are using 3 in 1 dishwasher tablets then you should still fill the rinse aid dispenser.*

Setting the rinse aid level

The amount of rinse aid that the dishwasher requires also depends on the hardness of your water. You should experiment with the rinse aid setting, until you find a level that gives the best results.



- On the first wash cycle, we would recommend that the rinse aid level is set to number 4.

- If you get water spots and poor drying performance, then you should turn the arrow anticlockwise and increase the setting to the next number.

- You should continue to adjust the rinse aid level upwards until you get no water spots.

- If you get cloudiness or streaking on your dishes, the rinse aid level is set too high and it is causing foaming during the wash cycle. Turn the arrow clockwise and lower the setting to the next number.

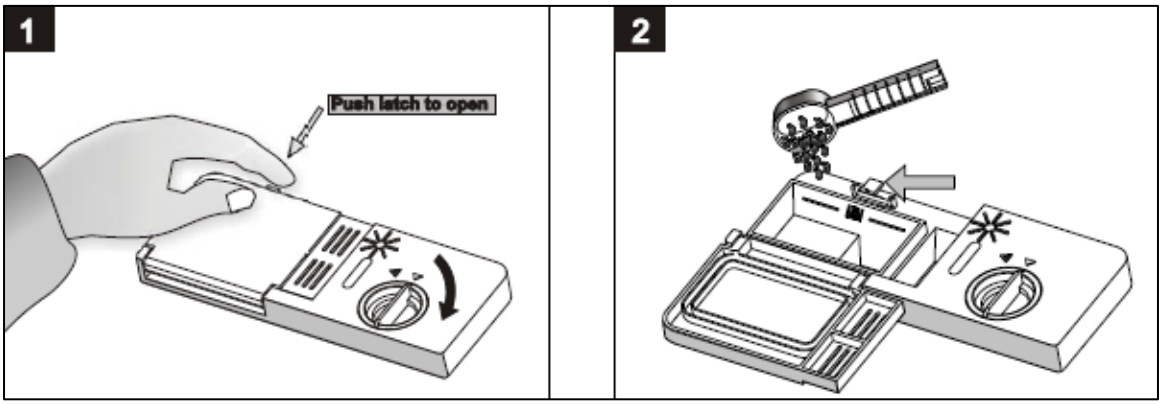
Filling with dishwasher detergent

- The detergent dispenser must be refilled at the start of each wash cycle.

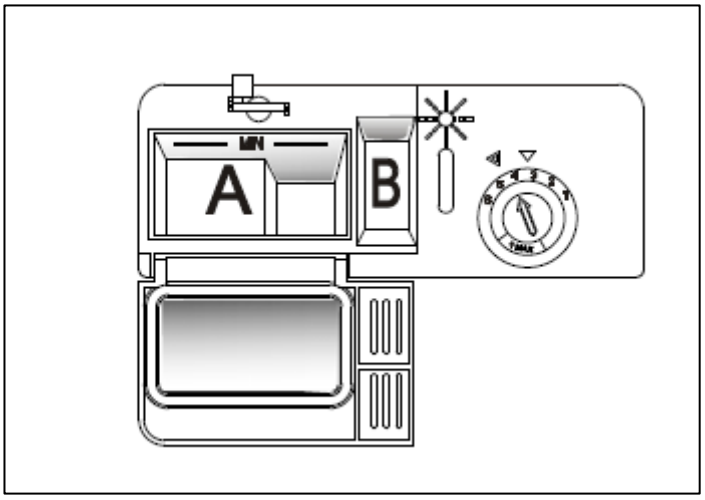
- Your dishwasher uses less detergent and rinse aid than a conventional dishwasher.

- In general, only one tablespoon of detergent is needed for a normal wash load. More heavily soiled items may need more detergent.

- Always add the detergent just before starting the wash program, otherwise the detergent could get damp and not dissolve properly.



- Open the lid that closes over the detergent dispenser by pushing the release button. The lid will spring open. Place the detergent inside of the dispenser.



- The section marked A in the diagram is for the main wash cycle detergent. Only one detergent tablet should be placed in the dispenser at any one time. If you are using detergent powder or liquid, you should follow the detergent manufacturer's recommendations.

- The section marked B in the diagram can have separate detergent placed in it for any wash cycle that has a pre-wash element to it, however this is optional. This must be a liquid or powder detergent, not another detergent tablet.

- Shut the detergent dispenser lid and press it until it locks into place.

- At the beginning of a wash cycle the clip will open and the tablet/powder/liquid will enter the dishwasher.

Concentrated detergent

- The use of the NORMAL program with concentrated detergents reduces pollution and is good for your dishes.

- This wash program is specifically suited to the dirt-dissolving properties of the enzymes of concentrated detergent. For this reason, the NORMAL program, in which concentrated detergent is used, can achieve the same results achieved in the INTENSIVE program.

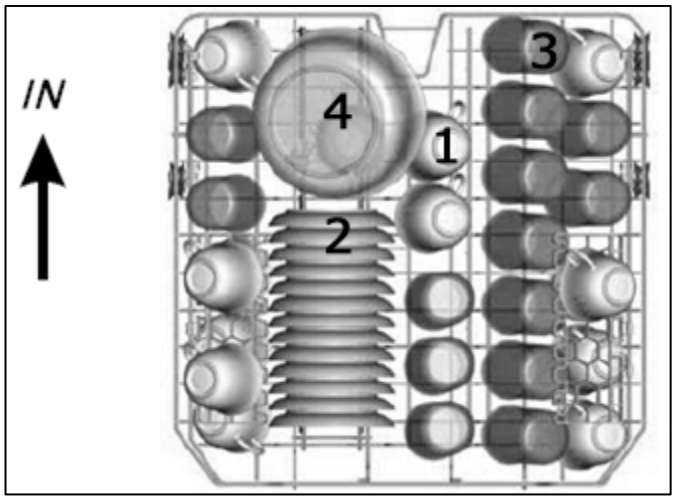
Detergent tablets

- Different brands of detergent tablets dissolve at different speeds. For this reason, some detergent tablets cannot dissolve and develop their full cleaning power during short programs.

- It is recommended that you use longer programs when using detergent tablets to ensure the complete removal of detergent residues.

Loading the upper basket

The upper basket is most suited to washing delicate and light dishware, such as glasses, coffee and tea cups, saucers, plates, bowls and shallow pans (that are not heavily soiled).



1. Cups
2. Saucers
3. Glasses
4. Large serving bowl

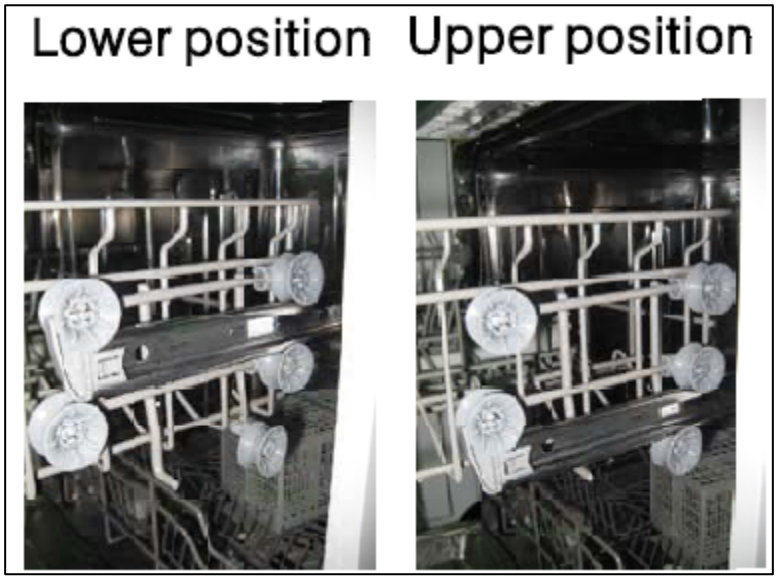
- You should position the dishes and cookware in such a way that they are not moved by the spray of water during the wash cycle.

- Use the diagram above as a guide to the most appropriate way to load the upper basket.

IMPORTANT: *Care should be taken when placing long stemmed glassware, such as champagne glasses in the upper basket. If they are not positioned correctly, then there is a risk that they may topple over when the upper basket is pushed in or pulled out.*

Adjusting the upper basket

Your dishwasher has an adjustable upper basket which you can alter to the most suitable position for the items you are going to wash in the upper and lower baskets.

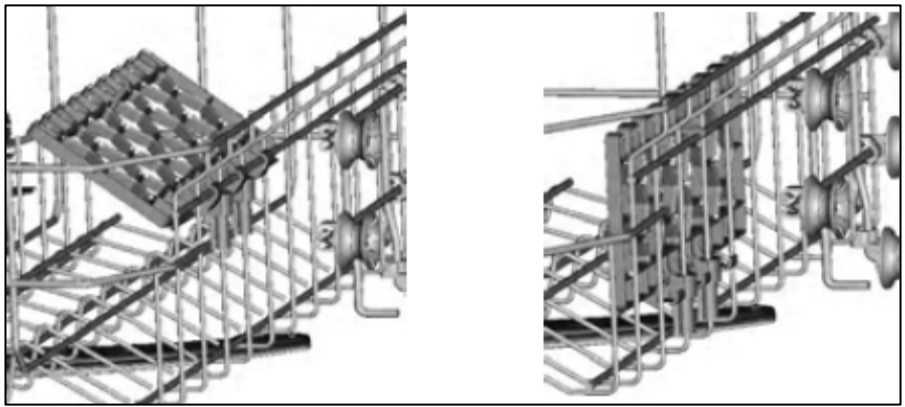


- The height of the upper basket can be adjusted by placing the wheels on a different height of the rails. Long items such as cutlery, salad servers and knives should be placed on the shelf so they do not obstruct the rotation of the spray arms.

- ***IMPORTANT:*** *The upper basket must be empty when you are removing it from the guide supports.*

Folding back the cup shelves

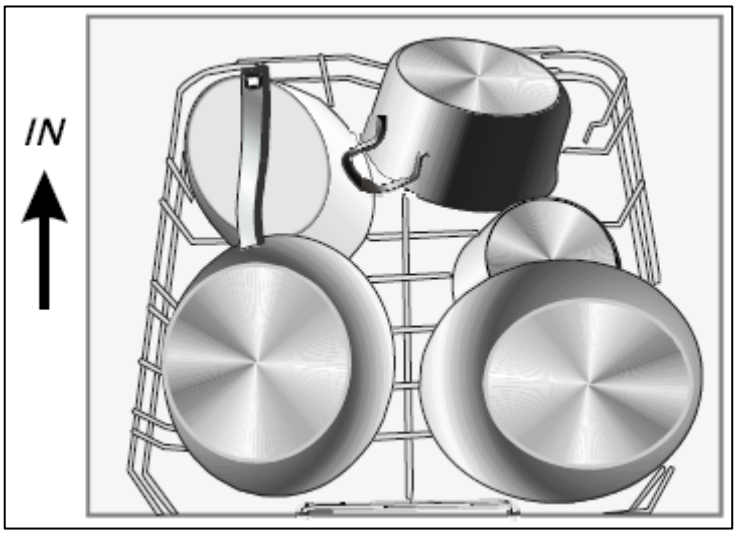
For easier stacking of pots and pans the cup shelf spikes can be folded down as shown in the diagram below.



IMPORTANT: Care should be taken to make sure that the spray arms can move freely when items have been loaded into the baskets.

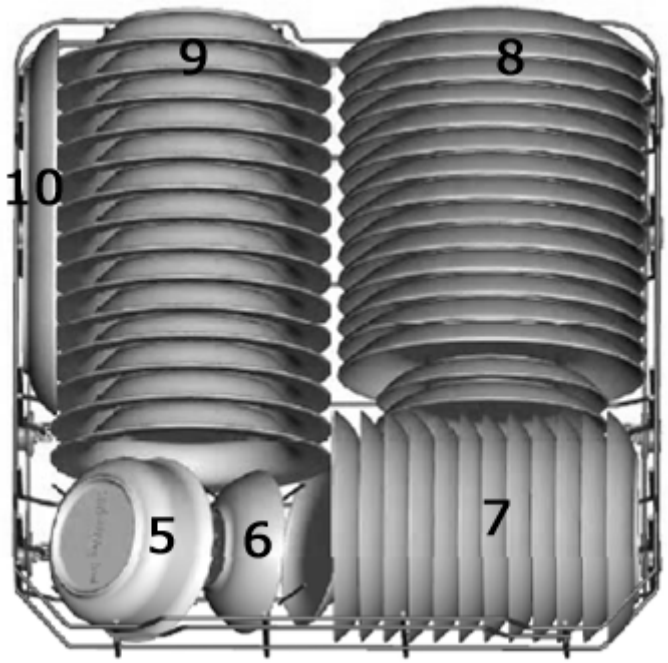
Loading the lower basket

The lower basket is most suited to washing larger and more heavily soiled items, such as saucepans, saucepan lids and serving dishes. You can also load bowls and a variety of plates into the lower basket.



- Saucepans and serving bowls must always be placed with their bases upwards.

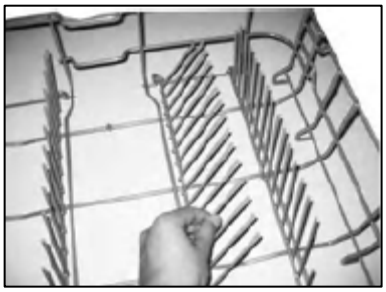
- Deep saucepans should be slanted, to allow water to run off.



5. Medium serving bowl
6. Small serving bowl

7. Dessert dishes
8. Dinner plates
9. Soup plates
10. Oval platter

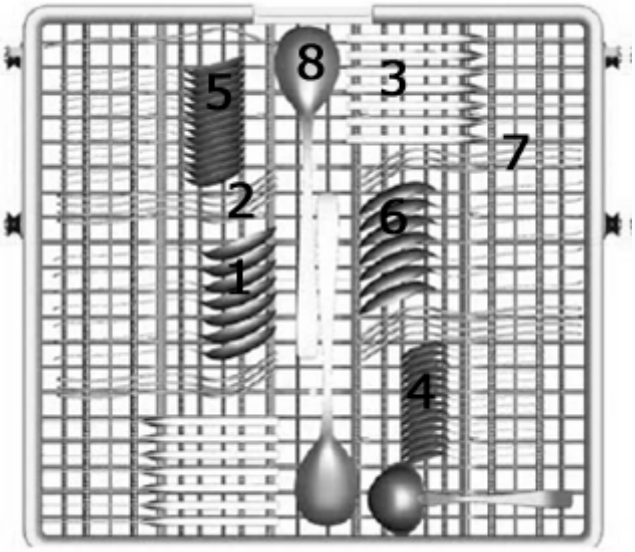
Folding spikes of lower basket



- The bottom rack has prongs that can be folded downwards, to allow for easier loading of larger saucepans and serving bowls.

The cutlery basket

Cutlery should be placed inside of the cutlery basket, separately from each other. You should take care to ensure that cutlery items do not touch as this may result in a poor wash performance.



1. Soup spoons
2. Forks
3. Knives
4. Teaspoons
5. Dessert spoons
6. Serving spoons
7. Serving forks
8. Gravy ladles

Loading dishes and cutlery

Household cloths, sponges or any other object that may absorb water SHOULD NOT be washed in a dishwasher.

- Remove leftovers and soften the remnants of burnt food in pans, prior to loading dishes in the appliance.

- Once the dishwasher has been loaded, check that the spray arms can move freely. If the spray arm comes into contact with any item, then you should rearrange the wash load.

- Cups, glasses, pans etc should all be loaded with their bases upwards, so that water does not collect inside of them.

- Cutlery and dishes should not cover each other; otherwise you may get poor wash results.

- Do not allow glasses to touch inside the dishwasher, otherwise damage may occur.

- Small objects can be placed inside of the cutlery basket.

The following items are NOT suitable for washing inside a dishwasher:-

- Cutlery with a handle of mother-of-pearl, wood, horn or china.

- Plastic items that are not resistant to heat.

- Cutlery that consists of glued parts that are not resistant to heat.

- Cutlery items or crockery that are bonded.

- Copper or pewter items.

- Lead crystal glass.

- Wooden platters.

- Synthetic fibre items.

The following items are not always suitable for washing inside a dishwasher:-

- Stoneware should only be washed if the manufacturer of the item has marked it as dishwasher safe.
- Plastic items (such as lunchboxes) should only be washed if the manufacturer has marked it as dishwasher safe.
- Glazed crockery may fade with repeated washing inside of a dishwasher.
- Items made of silverware or aluminium can discolour when washed inside a dishwasher.
- Any food residue should be removed from silver items immediately, as this can also result in discolouration.
- Certain types of glass may become dull or cloudy after a large number of washes.

Program table

Program	*Cycle*	*Program information*	*Description of cycle*	*Detergent pre/main*	*Program times* (mins)*	*Energy (Kwh)*	*Water (l)*	*Rinse aid*
INTENSIVE		For the heaviest soiled loads, such as pots, pans, casserole dishes and dishes that have been sitting with dried food on them for a while.	Pre-wash (50°C) Pre-wash Wash (65°C) Rinse Rinse (55°C) Drying	5/25g Or 3 in 1	165	1.4	20	
NORMAL		For normally soiled loads such as pots, plates, glasses and lightly soiled pans. A standard daily cycle.	Pre-wash (45°C) Wash (50°C) Rinse (Rinse (60°C) Drying	5/25g Or 3 in 1	180	1.25	16	

ECONOMY**		For lightly soiled loads, such as plates, glasses, bowls and lightly soiled pans.	Pre-wash Wash (50°C) Rinse (60°) Drying	5/25g Or 3 in 1	175	1.04	12.5	★
GLASS		For lightly soiled loads such as glasses, crystal and fine china.	Pre-wash Wash (40°C) Rinse Rinse (60°C) Drying	5/25g Or 3 in 1	120	0.91	16	★
1 HOUR		A daily wash program in only 1 hour. For lightly and normally soiled plates and pans.	Pre-wash (50°C) Wash (60°C) Rinse (60°C) Drying	5/25g	60	1.15	11.5	
RAPID		A shorter wash for lightly soiled loads that do not need drying.	Wash (40°C) Rinse (rinse (45°C)	20g	38	0.55	12	

***** The wash program times that are quoted are intended as a guide only. Please note that factors external to the machine, e.g. the temperature of your water supply, your water pressure etc. can affect the time it takes for the wash program to complete.

****** Economy is the testing program for EN 50242.

Setting a wash program

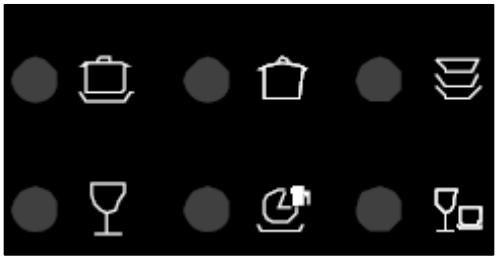
Make sure that the before first use section has been followed.

- o Check whether the appliance needs rinse aid or salt adding to it.
- o Pull out the top and bottom baskets, then load them in accordance with the loading instructions.
- o Push the top and bottom baskets fully back into position.
- o Add detergent.

- o Turn the appliance on by using the ON/OFF button **(1)**.

- ***IMPORTANT: Wait for 5 seconds before pressing the program selection button, otherwise the appliance may not function correctly.***

- Press the program button **(7)** to choose an appropriate wash program for the load that you are washing. The relevant program indicator **(6)** will light to show which program you have selected.



- Close the door firmly, so that you hear the door lock click shut.

- After a few seconds, you will hear the appliance begin to fill with water and the wash program will have started.

Changing the wash program

IMPORTANT: This should only be attempted when the cycle has only just started, otherwise the detergent may have already been released or you could have hot water escaping.

- Slightly open the door of the appliance and press the program button for about 3 seconds.

- The machine will cancel the program in progress and you can then select the required program as usual.

Adding more dishes

IMPORTANT: This should only be attempted when the cycle has only just started, otherwise the detergent may have already been released or you could have hot water escaping.

- Open the door a little way to pause the current program. Wait until the spray arms have stopped rotating before opening the door fully.

- The program light will stop blinking and a buzzer will sound every minute until the door is closed again.

- Add the forgotten dishes to the upper or lower basket.

- Close the dishwasher door. After about 10 seconds the wash program will continue automatically.

At the end of a wash program

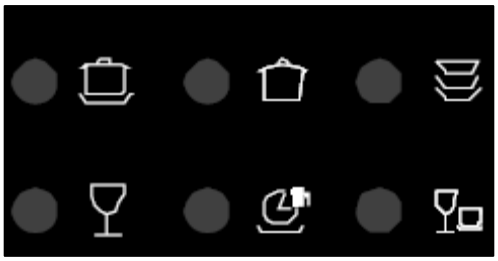
- The time display will flash for 8 seconds and a buzzer will sound.
- Open the door of the appliance.
- Use the ON/OFF button **(1)** to switch the dishwasher off.
- Wait for about 15 minutes before unloading the dishwasher to avoid handling the dishes and utensils while they are still hot and more susceptible to breakage. They will also dry better.
- It is recommended that you unload the lower basket first to avoid water dripping from the upper basket onto the dishes in the lower one.

Delay start function

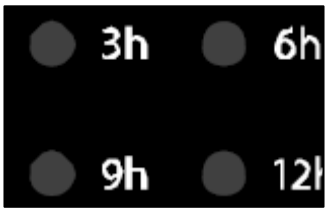
- Check whether the appliance needs rinse aid or salt adding to it.
- Pull out the top and bottom baskets, then load them in accordance with the loading instructions.
- Push the top and bottom baskets fully back into position.

- Add detergent
- Turn the appliance on by using the ON/OFF button **(1)**.
- ***IMPORTANT: Wait for 5 seconds before pressing the program selection button, otherwise the appliance may not function correctly.***

- Press the program button **(7)** to choose an appropriate wash program for the load that you are washing. The relevant program indicator **(6)** will light to show which program you have selected.



- Use the delay start button **(2)** to choose a delay start time of 3, 6, 9 or 12 hours in the future. The relevant delay start indicator **(4)** will light on the display.



- Close the door firmly, so that you hear the door lock click shut.

- When the programmed delay start time has elapsed, the dishwasher will automatically begin the chosen wash program.

Saving energy using your dishwasher

Loading dishes

- Refer to the relevant section of this manual for instructions on placing items in the dishwasher for the most efficient cleaning.

- Only run the dishwasher when it is full for optimum energy and water usage. Or use the half load option for smaller loads.

- Check the program table to select the most efficient program according to the size and type of the load.

- The ECONOMY program washes your items at a lower temperature and uses less water during the cycle. That is better for the environment and helps to cut energy costs as well as your water bill if you're on a water meter.

Usage

- Clean the filters regularly both to keep the dishwasher clean and to maintain its efficiency.

- Always remember to switch the appliance off standby when you have finished using it. £1 billion worth of energy is wasted in the UK every year by people leaving appliances on standby.

- You do not need to rinse dishes off before loading. If you prefer to pre-rinse, use cold water on your dishes before loading them but do not waste water by letting it run continuously.

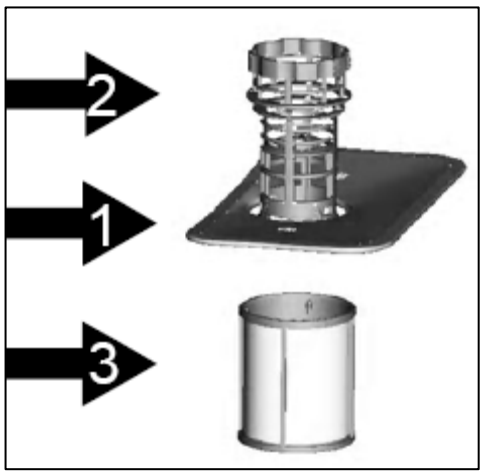
- Use the shorter and lower temperature cycles for everything but the dirtiest dishes. Shorter cycles use less energy and work just as well. Modern detergents also work just as well at lower temperatures.

Cleaning and maintenance

IMPORTANT: The appliance should be disconnected from your mains supply before commencing any cleaning process.

The filter system

Your appliance is fitted with three levels of filtering; these are located in the base of the dishwasher for ease of access.



1) Main filter

2) Coarse filter

3) Fine filter

Main filter- Food and soil particles are trapped by this filter and pulverised by a special jet on the lower spray arm. This debris is then washed down the drain.

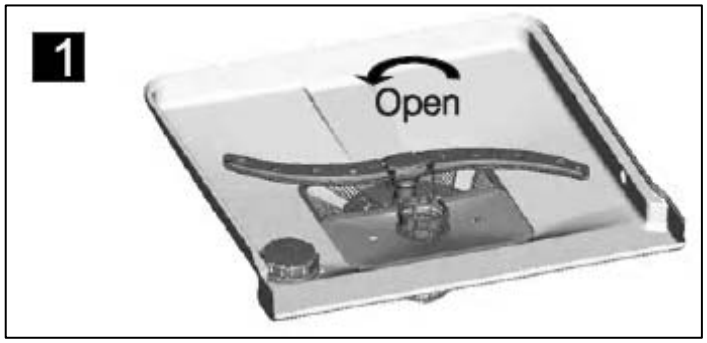
Coarse filter- Larger items such as pieces of bone or glass, which could clog the drain, are trapped in this filter.

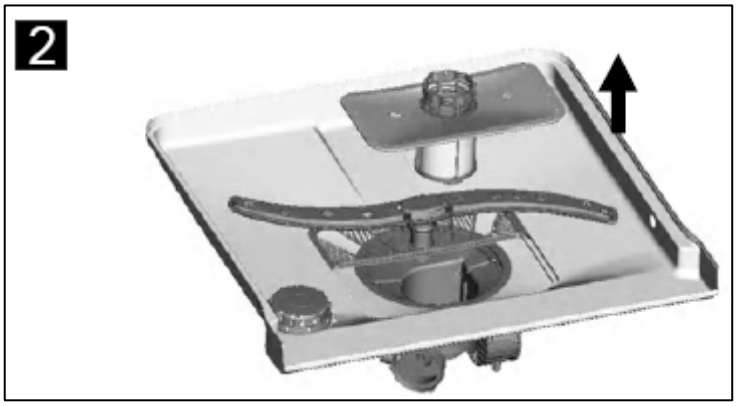
Fine filter- This filter holds soil and food residue in the sump area and prevents it from being redeposited on the dishes during a wash cycle.

IMPORTANT: *Whilst the filtering system is efficient, your dishwasher is not a waste disposal unit. All items being washed inside of the dishwasher should have food scraps removed from them before being loaded into the appliance*.

Cleaning the filters

For best performance and results, the entire filter assembly should be thoroughly cleaned regularly (ideally after each wash cycle).





1. Turn the coarse filter anti-clockwise and then lift it upwards. Rinse out this section under a tap to remove any food debris that remains in it.

2. Pull out the main filter and rinse this under the tap to remove any food debris that is trapped in it.

3. Pull out the fine filter and rinse this under the tap to remove any food debris that is trapped in it.

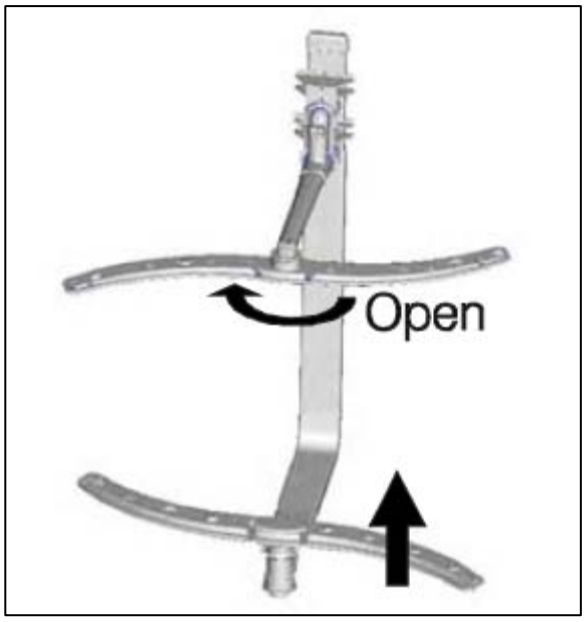
4. Place the fine filter back in its original position.

5. Place the main and coarse filter back into their original positions in the base of the dishwasher. You must turn the coarse filter clockwise to lock it back into position.

IMPORTANT: If a glass gets smashed inside of the appliance, you must check there is no glass in the filter before the machine is used again as this can cause a drainage failure.

IMPORTANT: THE DISHWASHER SHOULD NEVER BE SET ON A WASH CYCLE WITHOUT THE FILTERS BEING INSIDE OF THE APPLIANCE.

Cleaning the spray arms



The spray arms should be cleaned regularly, to prevent hard water deposits from clogging the spray arm jets and bearings.

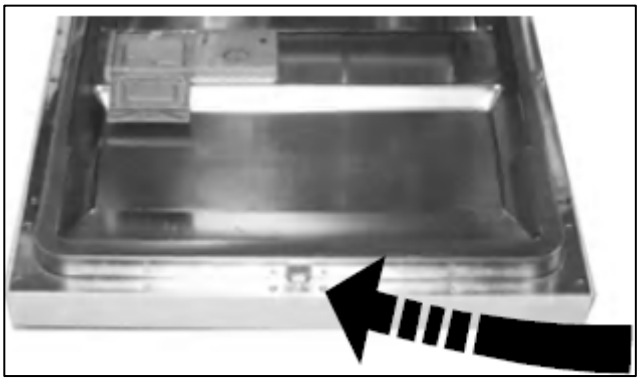
- To remove the upper spray arm, hold the nut and rotate the arm clockwise to remove it.
- To remove the lower spray arm, gently pull it upwards.
- Wash the spray arms in warm, soapy water and use a soft brush to clean the jets.
- Rinse the spray arms thoroughly and then reassemble the spray arms back in their original positions.

Cleaning the control panel

IMPORTANT: *Do not use any abrasive cleaner or household polish on either the control panel or operating parts.*

- Wipe over the control panel using a brand new damp cloth with warm water.

Cleaning the door



- o To clean the edge around the outside of the door, you should use a soft, damp cloth only.

- o To prevent water from penetrating the door lock or electrical components, ***DO NOT*** use a spray cleaner of any kind.

- o ***DO NOT*** use any abrasive cleaner or scouring pads on the inner or outer surfaces, as they may cause damage to them.

Error code failure system

If your appliance senses that it is not operating correctly, then a program indicator light may flash.

The following error codes can possibly be remedied by the customer and the steps outlined below should be followed.

BEFORE COMPLETING ANY MAINTAINEANCE ON THE APPLIANCE, IT SHOULD BE DISCONNECTED FROM YOUR MAINS POWER SUPPLY.

RAPID program indicator flashes.

o Longer than expected fill time.
✓ Check the water pressure of your mains water supply.
✓ Clean the mesh filter that sits in the inlet hose.
✓ Ensure that the inlet hose is not kinked or crushed.
✓ Make sure the water tap that the machine is connected to is turned on fully.

GLASS program indicator flashes.

o The machine has sensed water in the base.
✓ Check that the outlet hose is not kinked or crushed.
✓ Check that there are no blockages in the drain hose or the drainage system that the appliance is connected to.

- ✓ The drain pipe may be placed in too high a position or incorrectly. Check the installation instructions and ensure that the installation is correct.

  - o Once you have taken action to rectify the problem that has caused the fault code to appear, plug the machine back into your mains power supply.

  - o Turn the machine on using the ON/OFF button and wait for 5 seconds, before attempting to set a wash program, using the program selection button.

IMPORTANT: *If any other program indicators flash, you should not attempt to clear it yourself and contact the Baumatic Customer Care Department.*

IF THE FAULT CODE REAPPEARS AFTER FOLLOWING THE ABOVE ADVICE AND CLEARING THE FAULT CODE. YOU SHOULD TURN OFF THE APPLIANCE; DISCONNECT THE APPLIANCE FROM YOUR MAINS SUPPLY. THEN ARRANGE FOR AN ENGINEER TO ATTEND THE APPLIANCE. YOU SHOULD CONTACT BAUMATIC CUSTOMER CARE ON TELEPHONE NUMBER (0118) 933 6911.

Please note that if an engineer is asked to attend whilst the product is under guarantee and finds that the problem is not the result of an appliance fault, then you may be liable for the cost of the call out charge.

The appliance must be accessible for the engineer to perform any necessary repair. If your appliance is installed in such a way that an engineer is concerned that damage will be caused to the appliance or your kitchen, then he will not complete a repair.
This includes situations where appliances have been tiled in, sealed in with sealant, have wooden obstructions placed in front of the appliance, like plinths. Or any installation other than the one specified by Baumatic Ltd. has been completed.

Please refer to the conditions of guarantee that appear on the warranty card that you receive with the appliance.

IMPORTANT: Baumatic Ltd. operates a policy of continuous improvement and reserves the right to adjust and modify its products without prior notification.

General troubleshooting

PROBLEM	***POSSIBLE CAUSES***	***WHAT TO DO***
Dishwasher doesn't start.	**Fuse blown or the circuit breaker acted.**	Replace the fuse or reset the circuit breaker. Remove any other appliances sharing the same circuit with the dishwasher.
	Power supply is not turned on.	Make sure the dishwasher is turned on and the door is closed securely. Make sure the power cord is properly plugged into the wall socket.
	Water pressure is low.	Check that the water supply is connected properly and the water is turned on.
	Door of the dishwasher is not properly closed.	Make sure to close the door properly until it latches.
Water does not drain from dishwasher.	**Kink in the drain hose.**	Check the drain hose.
	Filter clogged.	Check the coarse filter.
	Kitchen sink is clogged.	Check the kitchen sink to make sure it is draining well. If the problem is the kitchen sink not draining, you may need a plumber rather than an engineer for the dishwasher.
Suds in the dishwasher.	**Improper detergent was used.**	Use only specific dishwasher detergent to avoid suds. If this occurs, open the dishwasher door and let the suds evaporate. Add 1 gallon of cold water to the interior and close the door. Select the RAPID program with no dishes loaded and allow the dishwasher to drain the water. Repeat if necessary.
	Spilled rinse-aid.	Always wipe up rinse-aid spills immediately.
Stained interior.	**A detergent with colourant was used.**	Make sure that the detergent used is one without colourant.
White film on interior surface.	**Hard water minerals.**	To clean the interior, use a damp sponge with an appropriate dishwasher descaler and wear rubber gloves. Never use any other cleaner than those specifically for

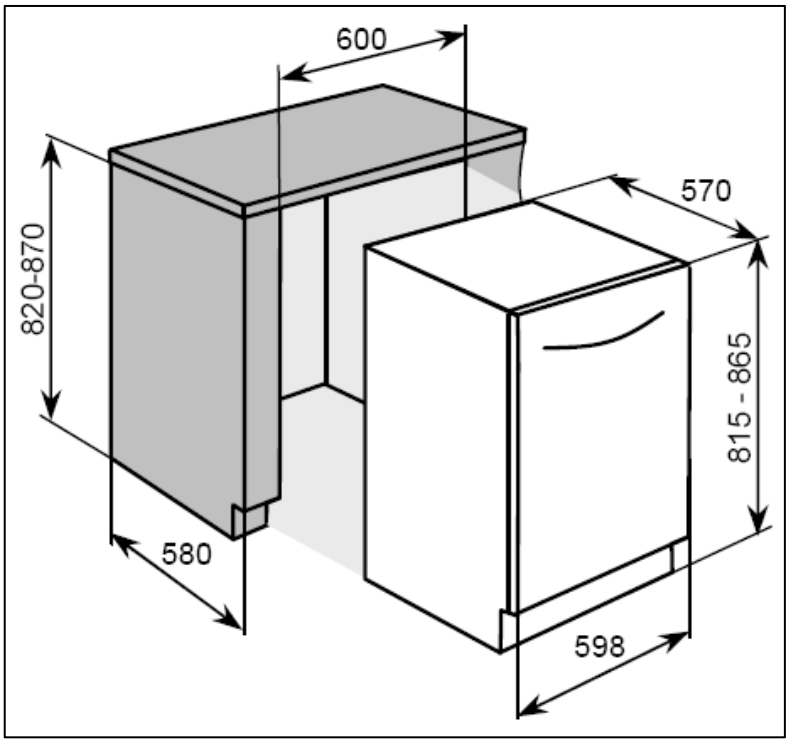
		dishwashers for the risk of foaming or suds.
There are rust stains on the cutlery.	**The affected items are not corrosion resistant.**	Avoid washing these items in the dishwasher and look for dishwasher-safe replacements in the future.
	A RAPID program was not run after dishwasher salt was filled so traces of salt have gotten into the wash cycle.	Always run a RAPID program without any dishes in the dishwasher after adding salt to remove any excess traces.
	The lid of the water softener is loose.	Check the lid seal to ensure it is secure.
Knocking noise in the wash cabinet.	**A spray arm is knocking against an item in the basket.**	Interrupt the program and rearrange the items which are obstructing the spray arm.
Rattling noise in the wash cabinet.	**Items of crockery are loose in the wash cabinet.**	Interrupt the program and rearrange the items of crockery.
Knocking noise in the water pipes.	**This may be caused by on-site installation or the cross-section of the piping.**	This has no effect on the dishwasher performance but if in doubt, contact a suitably qualified plumber.
The dishes are not clean.	**The dishes were not loaded correctly.**	See the section on loading the dishwasher baskets for instructions.
	The program was not powerful enough.	Select a more intensive program. Please refer to the program table.
	Not enough detergent was used.	Use more detergent next time or change the brand.
	Items are blocking the path of the spray arms.	Rearrange the items so that the spray arms can rotate freely.
	The filter assembly in the base of the dishwasher cabinet is not clean or not correctly fitted. This may cause the spray arm jets to get blocked.	Clean and/or fit the filter assembly correctly. Clean the spray arms jets. Refer to the relevant sections of this manual.
Cloudiness on glassware.	**Combination of soft water and too much detergent.**	Use less detergent if you have soft water and select the RAPID program to wash glassware and get them clean.
Black or grey marks on dishes.	**Aluminium utensils have rubbed against dishes.**	Use a mild abrasive cleaner to eliminate those marks.

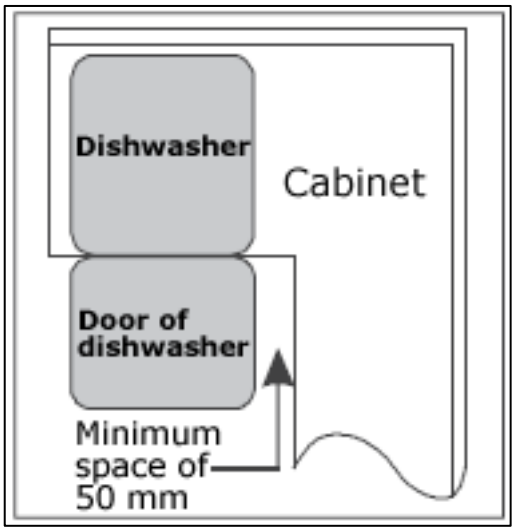
Detergent left in the dispenser.	**Dishes are blocking the detergent dispenser.**	Re-load the dishes properly.
The dishes are not drying.	**Improper loading of crockery.**	Load the dishwasher as suggested in the relevant instructions.
	Too little rinse-aid was used.	Increase the amount of rinse-aid or refill the rinse-aid dispenser.
	Dishes were removed too soon.	Do not empty your dishwasher immediately after washing. Open the door slightly so that the steam can escape. Begin unloading the dishwasher only once the dishes are barely warm to the touch. Empty the lower basket first to prevent water dropping from the dishes in the upper basket to the ones below.
	The wrong program was selected.	The RAPID program does not feature a drying section and shorter programs have lower wash temperatures. Choose a program with a longer washing time.
	Use of cutlery with a low-quality coating.	Water drainage is more difficult with these items. Cutlery or dishes of this type are not suitable for washing in the dishwasher.

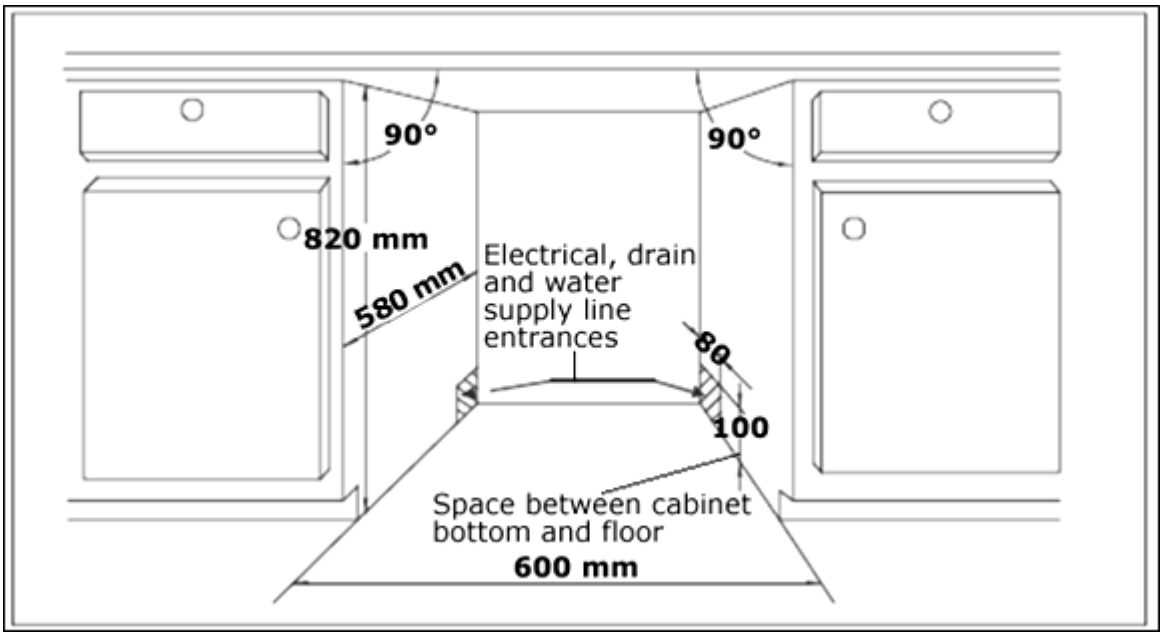
Installation

IMPORTANT: THIS INSTALLATION MUST BE COMPLETED BY A SUITABLY QUALIFIED PERSON. BAUMATIC ONLY SANCTION THE INSTALLATION GIVEN IN THIS INSTRUCTION MANUAL. YOU SHOULD DISPOSE OF ALL PACKAGING IN AN ENVIRONMENTALLY FRIENDLY MANNER.

Aperture requirements







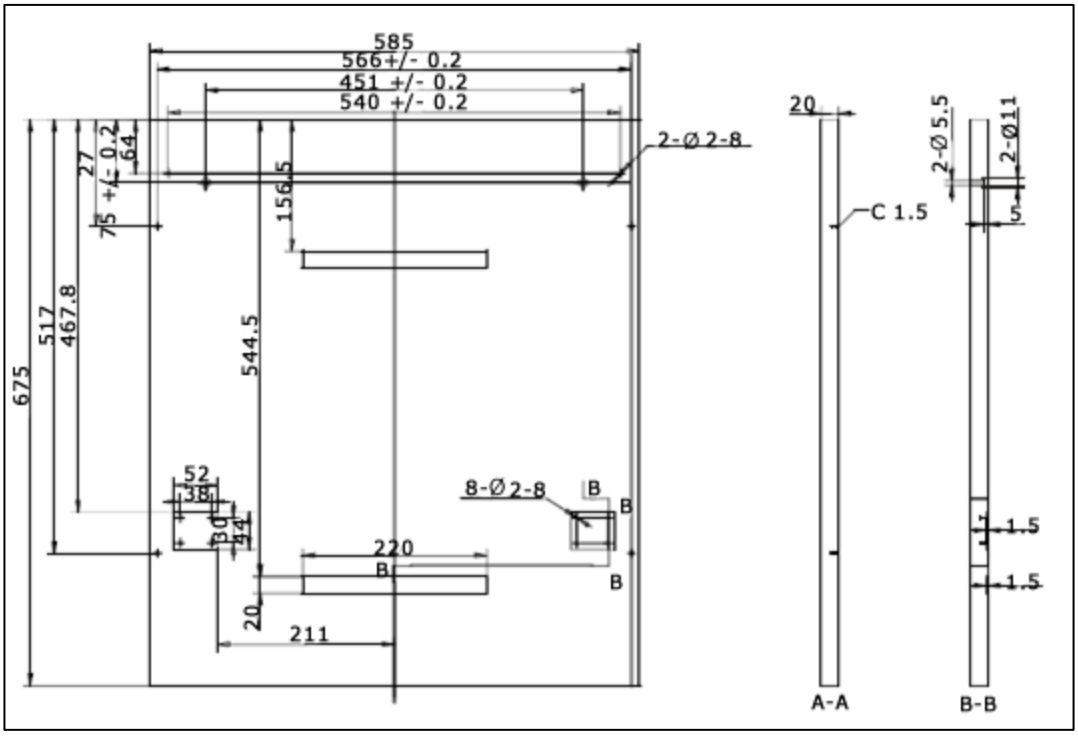
- The aperture that your dishwasher needs to be installed into should resemble the one shown in the drawings on the previous page.

- There should be less than a 5 mm gap between the top of the dishwasher and the underneath of the worktop. The height of the aperture required will vary between 820 – 870 mm depending on the height of the adjustable feet.

Installation stages

1. Preparing and connecting the furniture door.
2. Adjusting the tension of the door spring.
3. Connecting to the mains water supply
4. Connecting to the water outlet
5. Connecting to the power supply
6. Applying the condensation strip
7. Positioning the dishwasher
8. Levelling the dishwasher
9. Securing the dishwasher

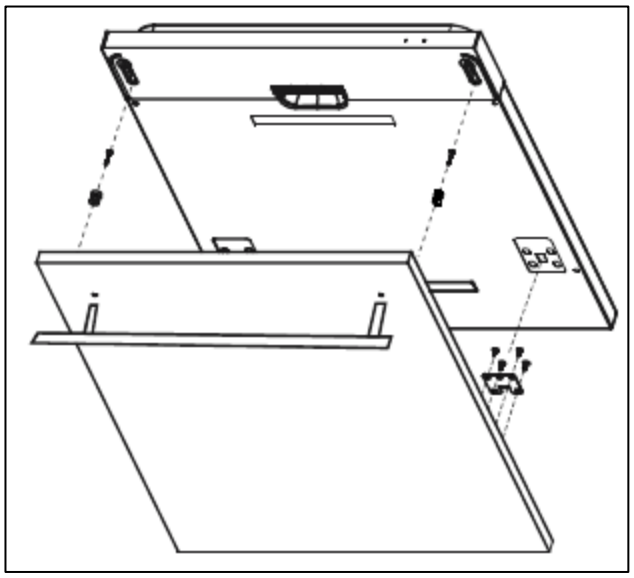
Preparing and connecting the furniture door



- ***IMPORTANT:*** *The furniture door is not supplied with the appliance. You should purchase one to match with the rest of your kitchen cabinets.*

- ***The maximum weight of the furniture door should be 5.5 kilograms. The maximum thickness of the furniture door should be 15 mm.***

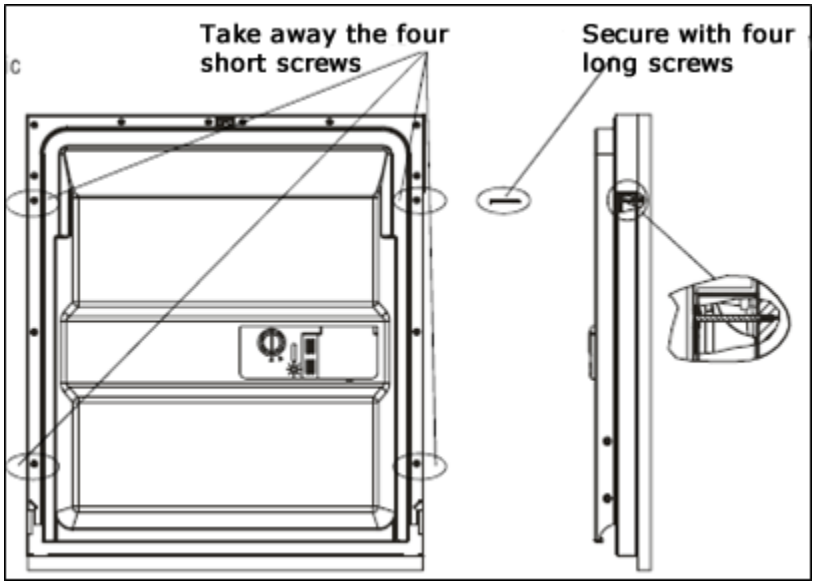
- Use the installation template supplied with the appliance to mark up and then drill out the necessary holes in the furniture door.



- Attach the upper and lower hooks onto the furniture door.

- Lift the furniture door towards the dishwasher door, ensuring that the upper and lower hooks locate into the slots on the outside of the dishwasher door.

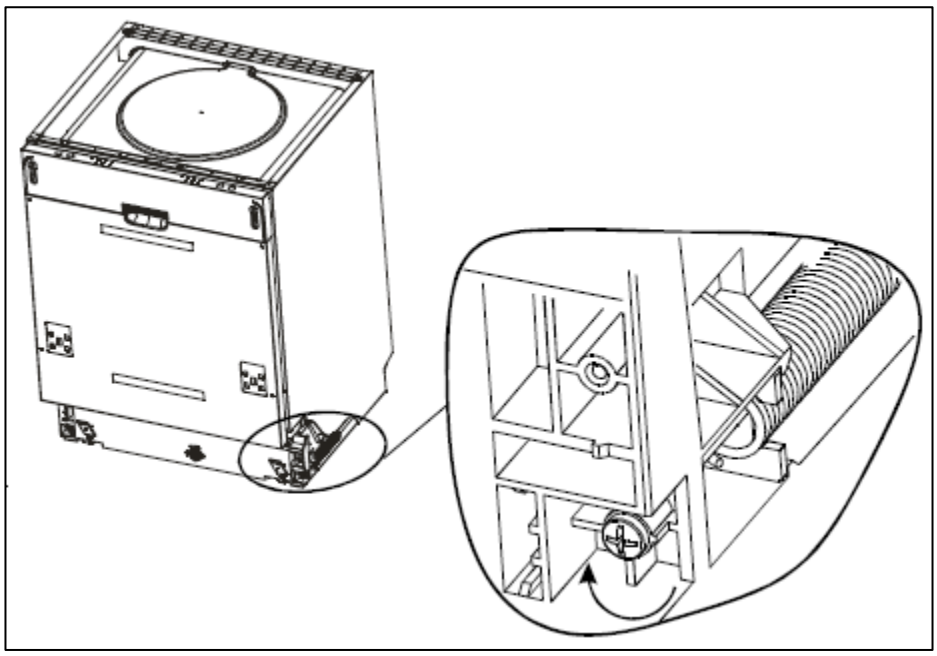
- Push the furniture door downwards so it locks into place on the dishwasher door.



- Open the dishwasher door and remove the four short screws.

- Use the four long screws to secure the panel to the door.

Adjusting the tension of the door spring



- The door of the dishwasher is attached to springs. These are set at the factory to ensure that they are at the proper tension, so that the door can open and close smoothly.

- After the furniture door has been fitted, you will need to adjust the tension of the door spring.

- Using an Allen key, rotate the adjusting screw shown in the image above to either tighten or slacken the steel cable.

- The doors' spring tension is correct when:-

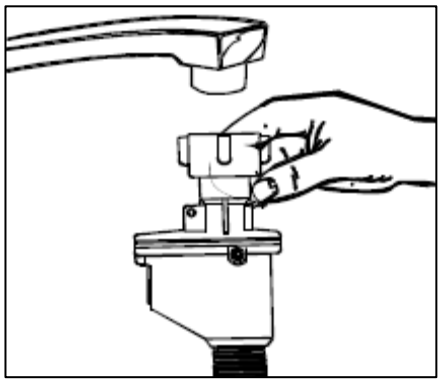
  a) The door remains horizontal when in the fully opened position.

  b) You are able to shut the door easily, by raising the door using your fingers.

- ***WARNING:*** *If you do not adjust the tension of the door spring, then it could cause damage to the appliance.*

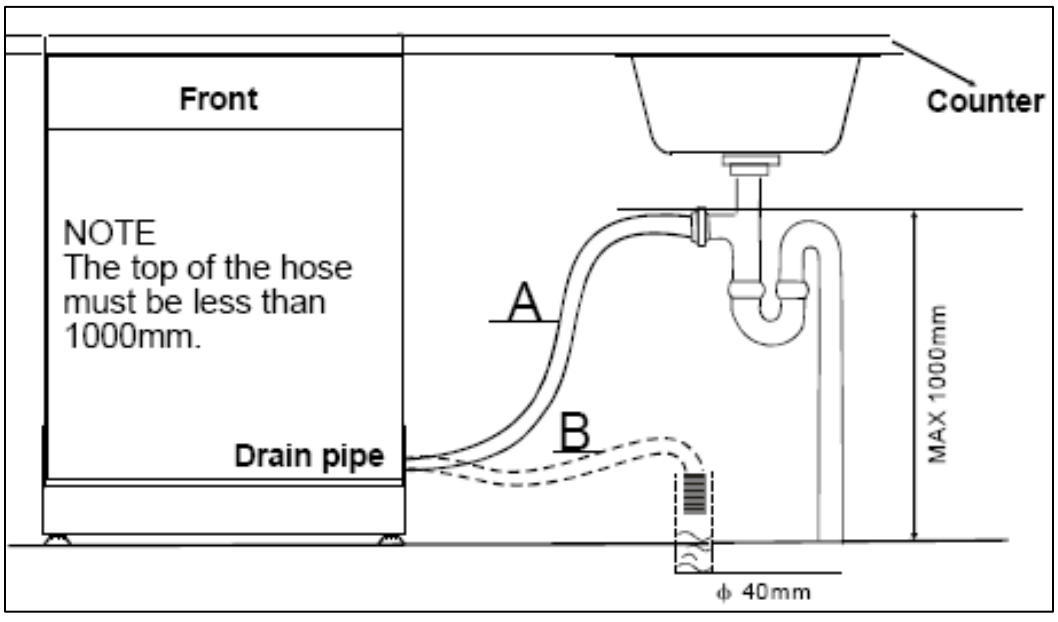
Connecting to the mains water supply

IMPORTANT: *Do not connect the appliance to your mains water supply using an old or an existing water inlet hose. The inlet hose supplied with the dishwasher is the ONLY one that should be used.*



- The inlet hose will be located inside the cabinet of the dishwasher.
- Connect the water inlet hose to a threaded water tap that has a 3/4" thread and to the inlet hose connector on the appliance. Let the water run to make sure the water is clear and free of impurities to prevent blocking the inlet hose or damaging the appliance.
- Fully tighten the inlet hose to the water tap and the dishwasher.
- The water supply to the appliance can also be connected to the house hot water line (centralised heating system) as long as the temperature does not exceed 60°C. When connected to a hot water supply, the program times will be shortened by about 15 minutes and the wash efficiency will be slightly reduced.

Connecting to the water outlet



- Secure the drain hose, so that it cannot move whilst the dishwasher is in use.

- Place the end of the drain hose on your drain pipe. Push it a short way down into your drain pipe. The drain pipe must have a minimum diameter of 40 mm.

- The top of the drain hose must be no higher than 1000 mm.

- ***IMPORTANT:*** *Do not insert the drain hose too deeply into the pipe, as this may cause siphoning.*

- ***NEVER EXTEND THE DRAINAGE HOSE FROM ITS ORIGINAL LENGTH.***

Connecting to the power supply

- ***IMPORTANT: The electrical socket must still be accessible once the appliance is installed.***

- Consult the rating plate, located on the right hand side of the drop down door ***BEFORE*** making the electrical connections. Ensure that the voltage reaching the plug is the same as that on the rating plate.

- ***DO NOT REMOVE THE RATING PLATE AS THE INFORMATION ON IT IS IMPORTANT.***

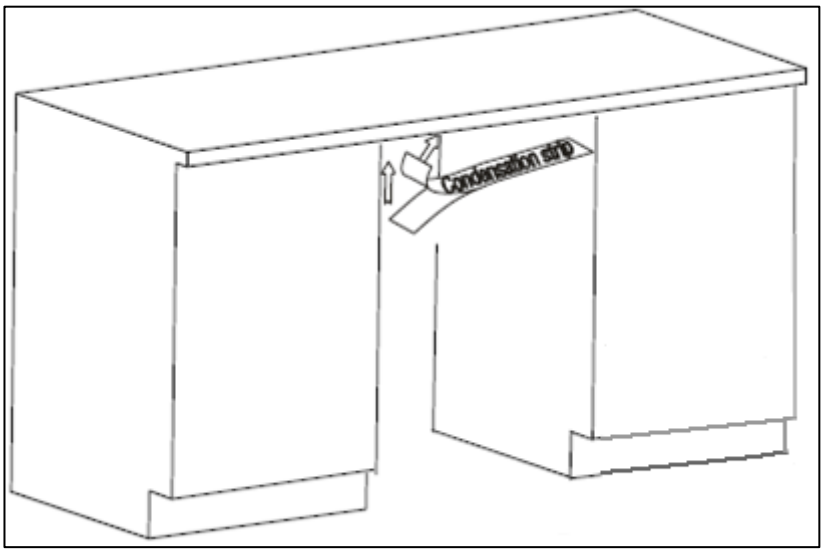
- The moulded plug that is supplied with the appliance must be placed into an earthed and insulated socket.

- Broken or damaged power leads must only be replaced by a suitably qualified person. A power lead of a similar type must be used in replacement.

- Power lead type – H 0 V V – F 3G 1,5.

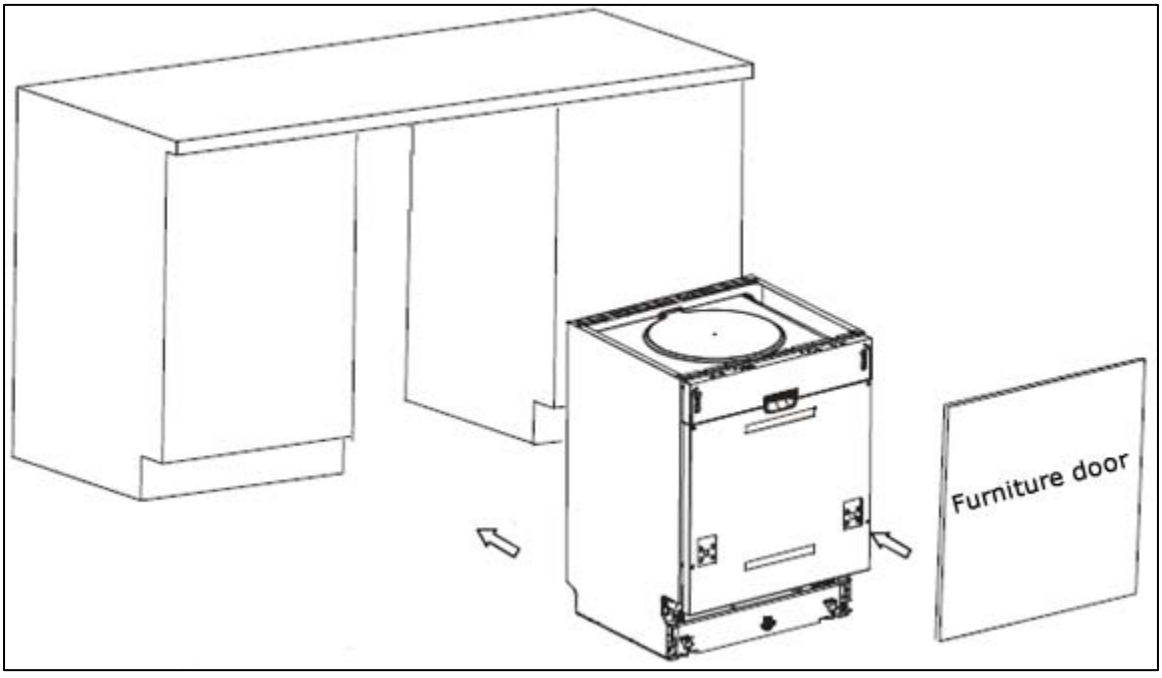
- ***IMPORTANT:*** *We do not recommend that this appliance is connected to an extension lead.*

Applying the condensation strip



- The condensation strip must be fitted to the underside of the worktop to protect it against the ingress of moisture. The strip will deflect steam that rises from your appliance, away from the underneath of the worktop.
- The condensation strip will be located inside of your dishwasher.
- Ensure that the underneath of the worktop is clean before sticking the strip to it.
- Separate the backing paper away from the strip.
- Stick the condensation strip to the underneath of the worktop.
- ***IMPORTANT:*** *Failure to attach the condensation strip could result in damage to your worktop.*

Positioning the dishwasher

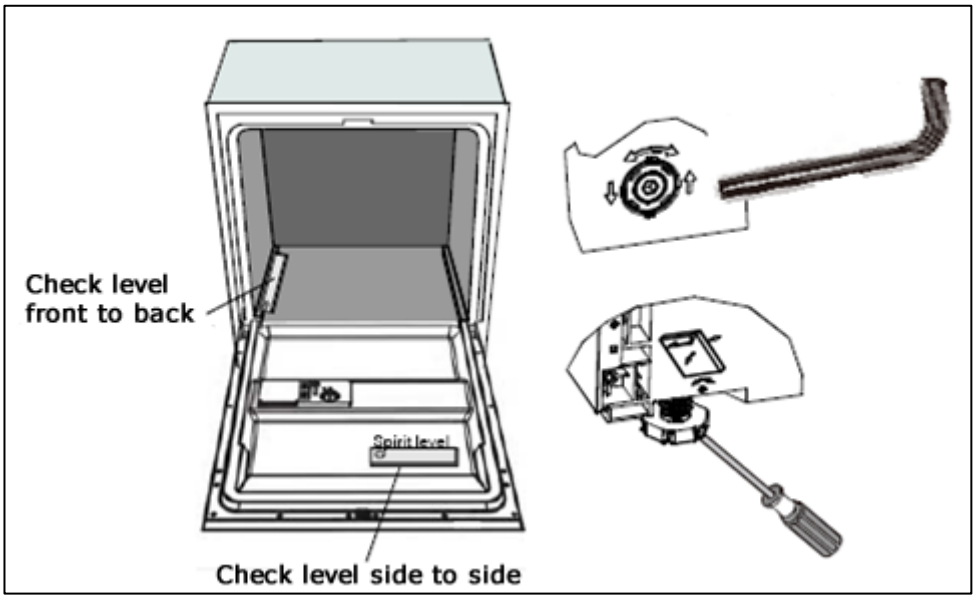


- Carefully slide the dishwasher back into position, underneath the worktop.

Levelling the appliance

- ***IMPORTANT:*** *Your dishwasher must be level for it to operate properly.*

- Make sure that the dishwasher is supported whilst it is being levelled, otherwise it may tip over.



- Rotate the adjustable feet to level the appliance accordingly.
- Use a spirit level to check that the appliance is level.
- Check that the appliance is level from side to side.
- Check that the appliance is level from front to back.

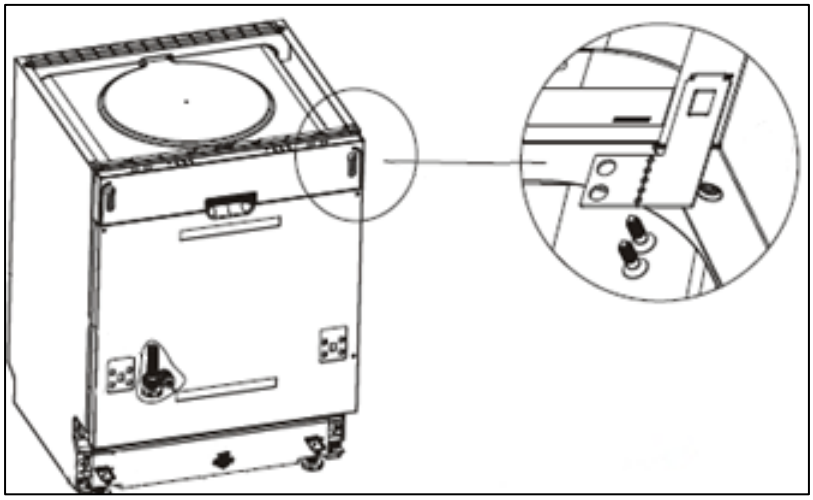
Securing the dishwasher

The dishwasher must be secured to the worktop, this can be done in one of two ways:-

- ***Standard worktop***- Place the installation hook into the position shown in the diagram below.

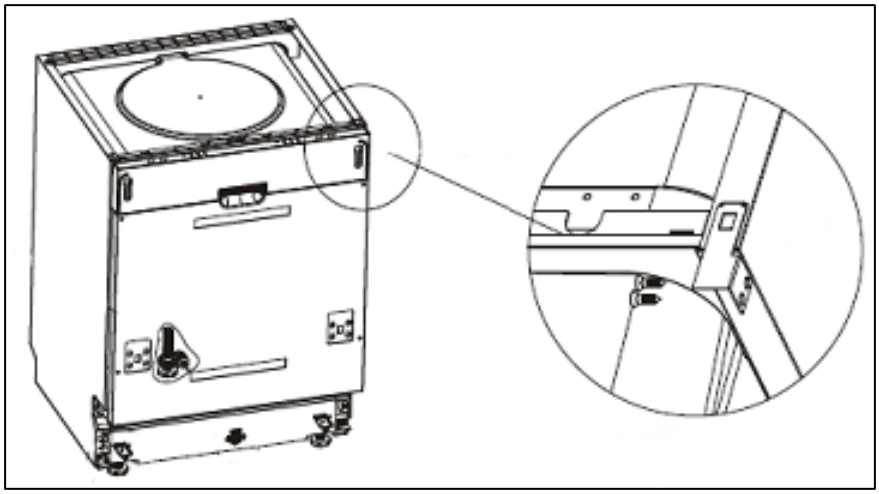
- Secure the hook to the work surface using two woodscrews.

- These screws should be fully tightened.



- ***Marble/granite worktop***- The material of the worktop will mean that it is impossible to put a screw through the underneath of the worktop.

- Bend the installation hooks into right angles and put them in the position shown in the diagram below. Secure the appliance to the side of the cabinet using two woodscrews.



Before first use

You should check the following before using the appliance for the first time:-

- That the dishwasher is level and fixed in position.
- That the water tap is fully open.
- That there are no leaks at either end of the drain or inlet hoses.
- That the inlet and outlet hose are fully tightened.
- That the inlet and outlet hoses are not kinked.
- That the power is switched on.
- That the water softener has been filled with 1 litre of water and salt.
- That the rinse aid dispenser has been filled.

Baumatic consumables

- **BC001** Degreaser for Dishwashers (200 g)
- **BC002** Descaler for Washing Machines and Dishwashers (200 g)
- **BC003** Ceramic Hob Cleaner (250 ml)
- **BC004** Oven Cleaner (250 ml)
- **BC005** Stainless Steel Cleaner and Protector (250 ml)
- **BC007** E-Cloth – General Purpose Cloth
- **BC008** Microwave Cover

To order a Baumatic consumable product please call 0123 5437 244 and quote the product code. You can also order online from eshop.baumatic.co.uk

Technical Data

Manufacturer	BAUMATIC LTD
Model Number	BDWI640
Standard Place Settings	14
Energy Efficiency Class **(1)**	A+
Annual Energy Consumption **(2)**	299 kWh
Energy Consumption of the Standard Cleaning Cycle	1.04 kWh
Power Consumption of Off Mode	0.45 W
Power Consumption of Left-On Mode	0.55 W
Annual Water Consumption **(3)**	3500 litres
Drying Efficiency Class **(4)**	A
Standard Cleaning Cycle **(5)**	Economy 50°C
Program Duration of the Standard Cleaning Cycle	175 mins
Noise Level	49 dB
Installation Type	Built-in

(1) On a scale from A+++ (highest efficiency) to D (lowest efficiency).

(2) Annual energy consumption based on 280 standard cleaning cycles using cold water fill and the consumption of the low power modes. The actual energy consumption will depend on how the appliance is used.

(3) Annual water consumption based on 280 standard cleaning cycles. The actual water consumption will depend on how the appliance is used.

(4) On a scale from A (highest efficiency) to G (lowest efficiency).

(5) This program is suitable for cleaning normally soiled tableware and is the most efficient program in terms of combined energy and water consumption.

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